

## Claude Code Cheat Sheet

Claude Code v2.1.81  
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## KEYBOARD SHORTCUTS

## General Controls

- C** Cancel input/generation
- D** Exit session
- L** Clear screen
- O** Toggle verbose output
- R** Reverse search history
- G** Open prompt in editor
- B** Background running task
- T** Toggle task list
- V** Paste image
- F** Kill background agents (x2)
- Esc Esc** Rewind / undo

## Mode Switching

- Tab** Cycle permission modes
- P** Switch model
- T** Toggle thinking

## Input

- Enter** Newline (quick)
- J** Newline (control seq)

## Prefixes

- /** Slash command
- !** Direct bash
- @** File mention + autocomplete

## Session Picker

- ↑ ↓** Navigate
- ← →** Expand/collapse
- P** Preview
- R** Rename
- /** Search
- A** All projects
- B** Current branch

## MCP SERVERS

## Add Servers

- transport http** Remote HTTP (recommended)
- transport stdio** Local process
- transport sse** Remote SSE

## Scopes

- Local** ~/.claude.json (per project)
- Project** .mcp.json (shared/VCS)
- User** ~/.claude.json (global)

## Manage

- /mcp** Interactive UI
- claude mcp list** List all servers
- claude mcp serve** CC as MCP server
- Elicitation** Servers request input mid-task **NEW**

## SLASH COMMANDS

## Session

- /clear** Clear conversation
- /compact [focus]** Compact context
- /resume** Resume/switch session
- /rename [name]** Name current session
- /branch [name]** Branch conversation (/fork alias)
- /cost** Token usage stats
- /context** Visualize context (grid)
- /diff** Interactive diff viewer
- /copy** Copy last response
- /export** Export conversation

## Config

- /config** Open settings
- /model [model]** Switch model (←→ effort)
- /fast [on/off]** Toggle fast mode
- /vim** Toggle vim mode
- /theme** Change color theme
- /permissions** View/update permissions
- /effort [level]** Set effort (low/med/high) **NEW**

- /color [color]** Set prompt-bar color

## Tools

- /init** Create CLAUDE.md
- /memory** Edit CLAUDE.md files
- /mcp** Manage MCP servers
- /hooks** Manage hooks
- /skills** List available skills
- /agents** Manage agents
- /chrome** Chrome integration
- /reload-plugins** Hot-reload plugins

## Special

- /btw <question>** Side question (no context)
- /plan [desc]** Plan mode (+ auto-start)
- /loop [interval]** Schedule recurring task
- /voice** Push-to-talk voice (20 langs)
- /doctor** Diagnose installation
- /rc** Enable remote control
- /pr-comments [PR]** Fetch GitHub PR comments
- /stats** Usage streaks & prefs
- /insights** Analyze sessions report
- /desktop** Continue in Desktop app
- /remote-control** Bridge terminal to claude.ai/code **NEW**
- /stickers** Order stickers! 📌

## MEMORY &amp; FILES

## CLAUDE.md Locations

- ./CLAUDE.md** Project (team-shared)
- ~/.claude/CLAUDE.md** Personal (all projects)
- /etc/claude-code/** Managed (org-wide)

## Rules &amp; Import

- .claude/rules/\*.md** Project rules
- ~/.claude/rules/\*.md** User rules
- paths: frontmatter** Path-specific rules
- @path/to/file** Import in CLAUDE.md

## Auto Memory

- ~/.claude/projects/<proj>/memory/** MEMORY.md + topic files, auto-loaded

## WORKFLOWS &amp; TIPS

## Plan Mode

- Tab** Normal → Auto → Plan
- permission-mode plan** Start in plan mode

## Thinking &amp; Effort

- T** Toggle thinking on/off
- "ultrathink"** Max effort for turn
- ⌘ O** See thinking (verbose)
- /effort** **O** low · **●** med · **●** high **NEW**

## Git Worktrees

- worktree name** Isolated branch per feature
- isolation: worktree** Agent in own worktree
- sparsePaths** Checkout only needed dirs **NEW**

- /batch** Auto-creates worktrees

## Voice Mode

- /voice** Enable push-to-talk
- Space (hold)** Record, release to send
- 20 languages** EN, ES, FR, DE, CZ, PL...

## Context Management

- /context** Usage + optimization tips
- /compact [focus]** Compress with focus
- Auto-compact** ~95% capacity
- 1M context** Opus 4.6 (Max/Team/Ent)
- CLAUDE.md** Survives compaction!

## Session Power Moves

- claude -c** Continue last conv
- claude -r "name"** Resume by name
- /btw question** Side Q, no context cost
- SDK / Headless**

- claude -p "query"** Non-interactive
- output-format json** Structured output
- max-budget-usd 5** Cost cap
- cat file | claude -p** Pipe input
- Scheduling & Remote**
- /loop 5m msg** Recurring task
- /rc** Remote control
- remote** Web session on claude.ai

## CONFIG &amp; ENV

## Config Files

- ~/.claude/settings.json** User settings
- .claude/settings.json** Project (shared)
- .claude/settings.local.json** Local only
- ~/.claude.json** OAuth, MCP, state
- .mcp.json** Project MCP servers

## Key Settings

- modelOverrides** Map model picker → custom IDs
- autoMemoryDirectory** Custom memory dir
- worktree.sparsePaths** Sparse checkout dirs **NEW**

## Key Env Vars

- ANTHROPIC\_API\_KEY**
- ANTHROPIC\_MODEL**
- CLAUDE\_CODE\_EFFORT\_LEVEL** low/med/high
- MAX\_THINKING\_TOKENS** 0=off
- ANTHROPIC\_CUSTOM\_MODEL\_OPTION** Custom /model entry
- CLAUDE\_CODE\_PLUGIN\_SEED\_DIR** Multiple plugin seed dirs

## SKILLS &amp; AGENTS

## Built-in Skills

- /simplify** Code review (3 parallel)
- /batch** Large parallel changes (5-3)
- /debug [desc]** Troubleshoot from /loop [interval]
- /loop [interval]** Recurring sche
- /claude-api** Load API + SDK refer

## Custom Skill Locations

- .claude/skills/<name>/** Project
- ~/.claude/skills/<name>/** Pers

## Skill Frontmatter

- description** Auto-invocation trigg
- allowed-tools** Skip permission pr
- model** Override model for skill
- effort** Override effort level **NEW**
- context: fork** Run in subagent
- \$ARGUMENTS** User input placeholder
- {CLAUDE\_SKILL\_DIR}** Skill's own
- {cmd}** Dynamic context injection

## Built-in Agents

- Explore** Fast read-only (Haiku)
- Plan** Research for plan mode
- General** Full tools, complex tasks
- Bash** Terminal separate context
- Agent Frontmatter**

- permissionMode** default/acceptEd
- isolation: worktree** Run in git v
- memory: user|project** Persistent
- background: true** Background ta
- maxTurns** Limit agentic turns
- SendMessage** Resume agents (repl

## CLI &amp; FLAGS

## Core Commands

- claude** Interactive
- claude "q"** With prompt
- claude -p "q"** Headless
- claude -c** Continue last
- claude -r "n"** Resume
- claude update** Update

## Key Flags

- model** Set model
- w** Git worktree
- n / --name** Session name
- add-dir** Add dir
- agent** Use agent
- allowedTools** Pre-approve
- output-format** json/stream
- json-schema** Structured
- max-turns** Limit turns
- max-budget-usd** Cost cap
- console** Auth via Anthropic Cons
- verbose** Verbose
- bare** Minimal headless (no hooks)
- channels** Permission relay / MCP
- remote** Web session
- chrome** Chrome

Permission Modes: default prompts · acceptEdits auto-accept edits · plan read-only · dontAsk deny unless allowed · bypassPermissions skip all

Key Env Vars: ANTHROPIC\_API\_KEY · ANTHROPIC\_MODEL · CLAUDE\_CODE\_EFFORT\_LEVEL (low/med/high) · MAX\_THINKING\_TOKENS (0=off) ·

CLAUDE\_CODE\_MAX\_OUTPUT\_TOKENS (def 32K) · CLAUDE\_CODE\_DISABLE\_CRON